

**METHOD AND SYSTEM FOR QUANTITATIVE IMAGE CORRECTION FOR  
OPTICAL COHERENCE TOMOGRAPHY**

**ABSTRACT OF THE DISCLOSURE**

5           A method of correcting optical coherence tomography (OCT) image data obtained  
from a layered media sample includes identifying at least one interface from the obtained  
OCT data and correcting the OCT data for distortion at the at least one interface. The  
OCT image data can be corrected for extrinsic distortions, such as those caused by scan  
geometry, as well as, intrinsic distortions, such as those caused by refraction at each  
10   interface.

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